Podcast Learning

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Go to: http://www.youtube.com/watch?v=SjQG3rKSZUQ

What is your definition, in your own words, of stoichiometry?

Write down the equation that we are starting with.

Balance the equation.

Given 85gof iron(III) oxide, how much of Aluminum do we need?

Solution:

Explain in a couple of sentences how you solved this problem and why you did each step.

Go to: http://www.youtube.com/watch?v=rESzyhPOJ7I&feature=relmfu

Limiting Reagent

Write the equation:

Write down what we know of the mass of the reactants.

Leave the single atoms for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when balancing the equation.

Balance the equation the way he did.

How many moles of ammonia.

Solution:

Hydrogen does not have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

How many moles of oxygen.

Solution:

Find limiting reagent.

Solution:

How many grams of NO do we produce?

Explain in a couple of sentences how you solved this problem and why you did each step. (Watch it again if you didn’t understand)